

ALL PROBLEMS CAN BE COMPLETED ON THIS WORKSHEET

**WS 13B.4 – Factoring Completely Forever**

#1-10, Factor each polynomial completely until only prime factors remain.

1.  $8c^2 - 24c + 16$

2.  $5m^2n - 125n$

3.  $3r^3 - 48rs^2$

4.  $-3d^2 - 6d + 24$

5.  $48y^3 - 24y^2 + 3y$

6.  $24m^4n^8 - 12m^3n^8 - 12m^2n^8$

7.  $32j^5k^2 - 48j^4k^3 - 32j^3k^4$

8.  $3w^7 - 75w$

9.  $-36d^5f^5 - 96d^4f^6 - 64d^3f^7$

10.  $8h^6 - 50h^4 + 72h^2$